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FIGURE 1

COMPARISON OF HUMAN V1-1 VS. HUMAN MP-52

V1-1 Ser Arg Cys Ser Arg Lys Pro Leu His Val Asp Phe Lys Glu Leu
1 AGC CGC TGC AGC CGC AAG CCG TTG CAC GTG GAC TTC AAG GAG CTC
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
MP52 GCT CGC TGC AGT CGG AAG GCA CTG CAT GTC AAC TTC AAG GAC ATG
1 Ala Arg Cys Ser Arg Lys Ala Leu His Val Asn Phe Lys Asp Met

16 Gly Trp Asp Asp Trp Ile Ile Ala Pro Leu Asp Tyr Glu Ala Tyr
46 GGC TGG GAC GAC TGG ATC ATC GCG CCG CTG GAC TAC GAG GCG TAC
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
46 GGC TGG GAC GAC TGG ATC ATC GCA CCC CTT GAG TAC GAG GCT TTC
16 Gly Trp Asp Asp Trp Ile Ile Ala Pro Leu Glu Tyr Glu Ala Phe

31 His Cys Glu Gly Leu Cys Asp Phe Pro Leu Arg Ser His Leu Glu
91 CAC TGC GAG GGC CTT TGC GAC TTC CCT TTG CGT TCG CAC CTC GAG
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
91 CAC TGC GAG GGG CTG TGC GAG TTC CCA TTG CGC TCC CAC CTG GAG
31 His Cys Glu Gly Leu Cys Glu Phe Pro Leu Arg Ser His Leu Glu

46 Pro Thr Asn His Ala Ile Ile Gln Thr Leu Leu Asn Ser Met Ala
121 CCC ACC AAC CAT GCC ATC ATT CAG ACG CTG CTC AAC TCC ATG GCA
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
121 CCC ACG AAT CAT GCA GTC ATC CAG ACC CTG ATG AAC TCC ATG GAC
46 Pro Thr Asn His Ala Val Ile Gln Thr Leu Met Asn Ser Met Asp

61 Pro Asp Ala Ala Pro Ala Ser Cys Cys Val Pro Ala Arg Leu Ser
181 CCA GAC GCG GCG CCG GCC TCC TGC TGT GTG CCA GCG CGC CTC AGC
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
181 CCC GAG TCC ACA CCA CCC ACC TGC TGT GTG CCC ACG CGG CTG AGT
61 Pro Glu Ser Thr Pro Pro Thr Cys Cys Val Pro Thr Arg Leu Ser

76 Pro Ile Ser Ile Leu Tyr Ile Asp Ala Ala Asn Asn Val Val Tyr
226 CCC ATC AGC ATC CTC TAC ATC GAC GCC GCC AAC AAC GTT GTC TAC
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
226 CCC ATC AGC ATC CTC TTC ATT GAC TCT GCC AAC AAC GTG GTG TAT
76 Pro Ile Ser Ile Leu Phe Ile Asp Ser Ala Asn Asn Val Val Tyr

91 Lys Gln Tyr Glu Asp Met Val Val Glu Ala Cys Gly Cys Arg
271 AAG CAA TAC GAG GAC ATG GTG GTG GAG GCC TGC GGC TGC AGG
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
271 AAG CAG TAT GAG GAC ATG GTC GTG GAG TCG TGT GGC TGC AGG
91 Lys Gln Tyr Glu Asp Met Val Val Glu Ser Cys Gly Cys Arg

Homology at the nucleotide level: 249/312 = 79.8%
Homology at the amino acid level: 84/104 = 80.8%